



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Steven Rosenau et al.

Serial No.: 10/669,982

Examiner:

Filing Date: Sept. 23, 2003

Group Art Unit: 2827

Title: VIA PLACEMENT FOR LAYER TRANSITIONS IN FLEXIBLE CIRCUITS WITH HIGH DENSITY BAL GRID ARRAYS

COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☒ under 37 CFR 1.97(c) together with *either* a:
 - ☒ Statement under 37 CFR 1.97(e), or
 - ☐ a \$180.00 Processing fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
 - ☐ Statement under 37 CFR 1.97(e), *and*
 - ☐ a \$180.00 processing fee under 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

☒ FEE AUTHORIZATION

Please charge to Deposit Account 50-1078 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 50-1078 pursuant to 37 CFR 1.25.

☒ STATEMENT UNDER 37 CFR 1.97(e)

The undersigned certifies that:

- ☒ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement, or
- ☐ No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

☐ PRIOR APPLICATIONS

References identified with an asterisk (*) in the enclosed PTO Form 1449, were disclosed in prior Patent Application No. _____, filed _____, now U.S. Patent No. _____, and, as such copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

() **FOREIGN LANGUAGE DOCUMENTS**

A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

1

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Typed Name: **Linda A. Iimura**

Signature: Linda A. Iimura

Respectfully submitted,

Steven Rosenau et al.

By

Juergen Krause-Polstorff

Attorney/Agent for Applicant(s)

Reg. No. **41,127**

Date: **Nov. 10, 2004**

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**PATENT APPLICATION**

Sheet 1 of 1

FORM PTO-1449

**LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

10021114-1

SERIAL NO.

10/669,982

APPLICANT

Steven Rosenau et al.

FILING DATE

Sept. 23, 2003

GROUP

2827**REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME
		2003/164541	09/04/03	Lee Teck Kheng
		5,635,424	06/03/97	Dorothy Heim et al
		5,448,020	09/05/95	Rajendra Pendse
		5,362,656	11/08/94	John F. McMahon

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO
		2001/352000	08/04/02	Abstracts of Japan		

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

DATE CONSIDERED

* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)